



## Neoprene WHV 100

### Sales Specification

#### Description:

A Denka Neoprene polymer designed for general-purpose use. Additives known to contribute to the discoloration or staining of ordinary finishes are not intentionally added to Neoprene WHV-100. Raw polymer stability is excellent. Excessive time and temperature of storage can cause a change in viscosity. The nominal specific gravity at 25/4°C (77/39.2°F) is 1.23.

Form and Color: White to silvery grey chips

#### Requirements

<u>Property</u>	<u>Limits</u>	<u>Test Method</u>
1. Contamination	In keeping with good rubber practices	N200.2000
2. Volatile Loss, % After milling 6 min. at 50°C (122°F)	1.3 max.	N200.9500
3. Mooney Viscosity ML, 1'+4' at 100°C (212°F)	90 - 110	N200.5700
4. Vulcanization Properties Formulation (mill mix)		N200.2010 (ASTM D 3190-91)
Neoprene	100.0	
Octylated diphenylamine ('Agerite Stalite')	1.0	
Magnesia (high activity grade - 'Maglite D')	4.0	
Zinc oxide ('Kadox 911')	5.0	
75% Active ETU Dispersion ('END-75')	0.47	
Mooney Scorch ML, 120°C (248°F) t5 - Minutes to 5 point rise	5.5 min.	N200.7460 (ASTM D 1646-91)
Moving Die Rheometer (MDR) Properties at 160°C (320°F)		
Scorch Time (ts1), minutes	0.8 – 2.4	N200.7405
Optimum Cure Time (t'90), minutes	3.5 - 13.0	(ASTM D 5289-93a)
Optimum Cure Torque (Mc90), dN.m.	5.0 – 9.0	

#### Packaging

Static dissipative inclusion bag containing 25kg (55.125 lbs.) net weight.

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Contact Denka at the following location:

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**Denka Performance Elastomer LLC, 560 Highway 44, LaPlace, LA 70068**  
**Telephone: (985) 233-3080, FAX: (985) 359-4781**

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